

Traffic Safety Resources for Everyone on the Engineering "E"

Towards Zero Deaths Metro Region Conference May 7, 2015

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Trending Topics

- Rumble and Mumbles Strips
- <u>Reduced Conflict Intersections (RCI)</u>
 - Restricted Crossing U-Turn Intersection (RCUT)
 - Roundabouts
- <u>Zipper Merge</u>
- High Tension Cable

Rumbles



Rumble and Mumbles Strips and Stripes

- Grooves or rows of indents in the pavement
- designed to alert inattentive drivers through noise and vibration
- Where is it installed?
- What does it look like?
- How does it work?





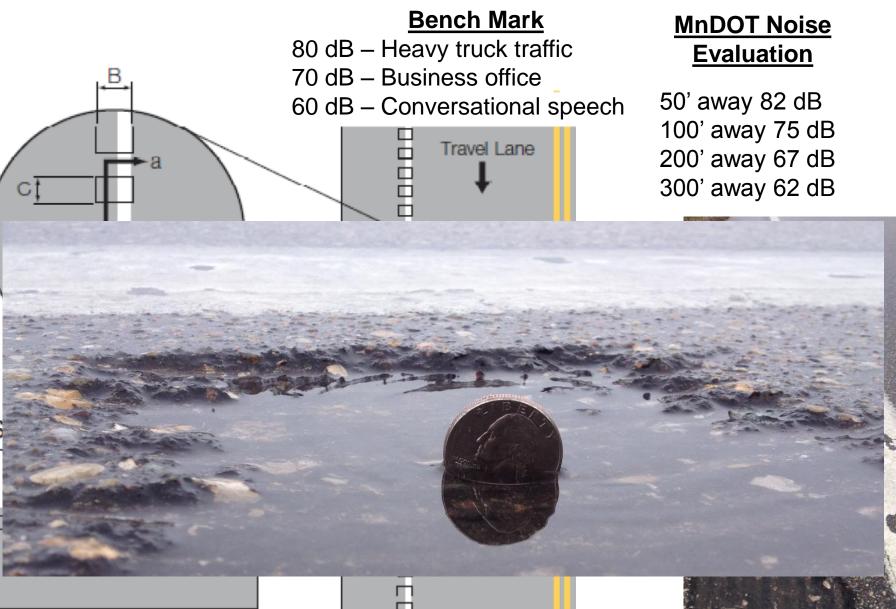








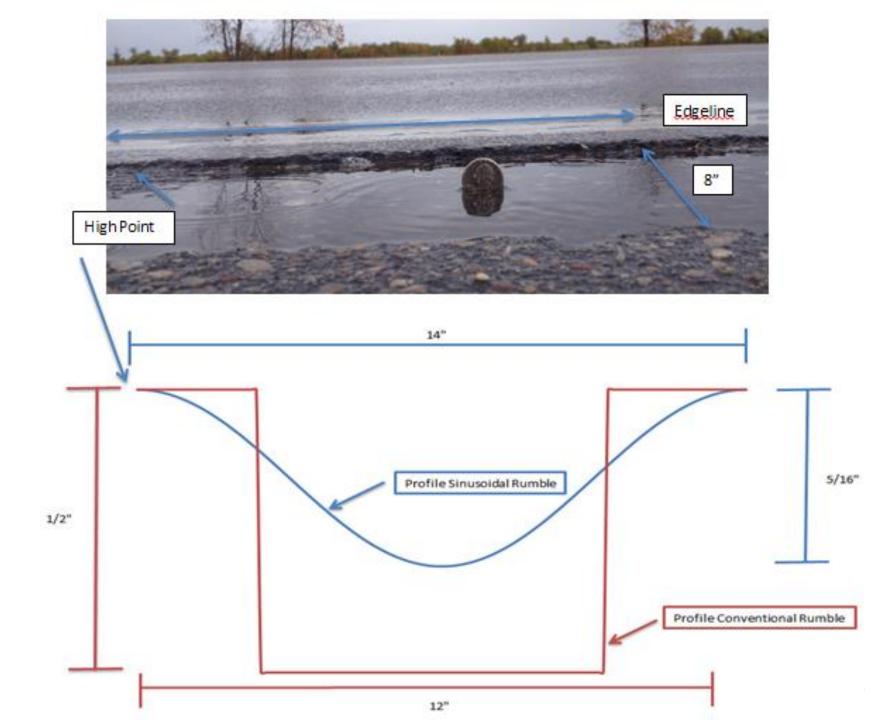
Rumble Strips and Stripes

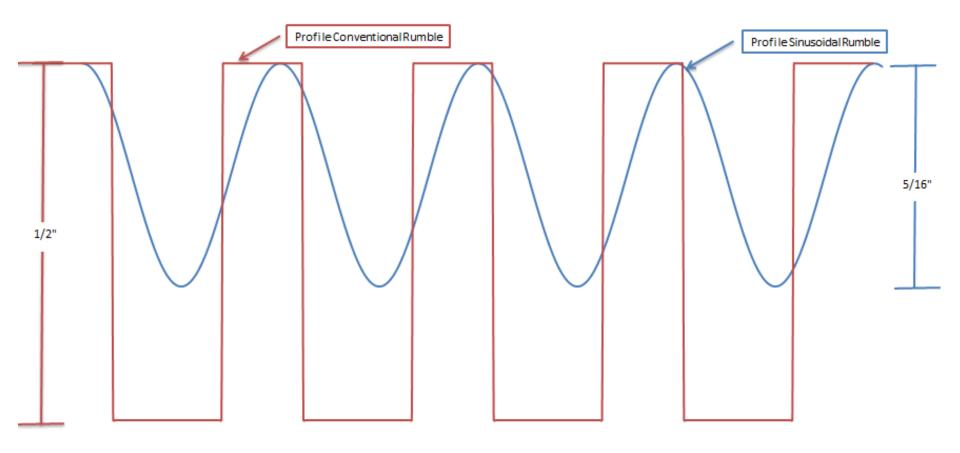


Designs

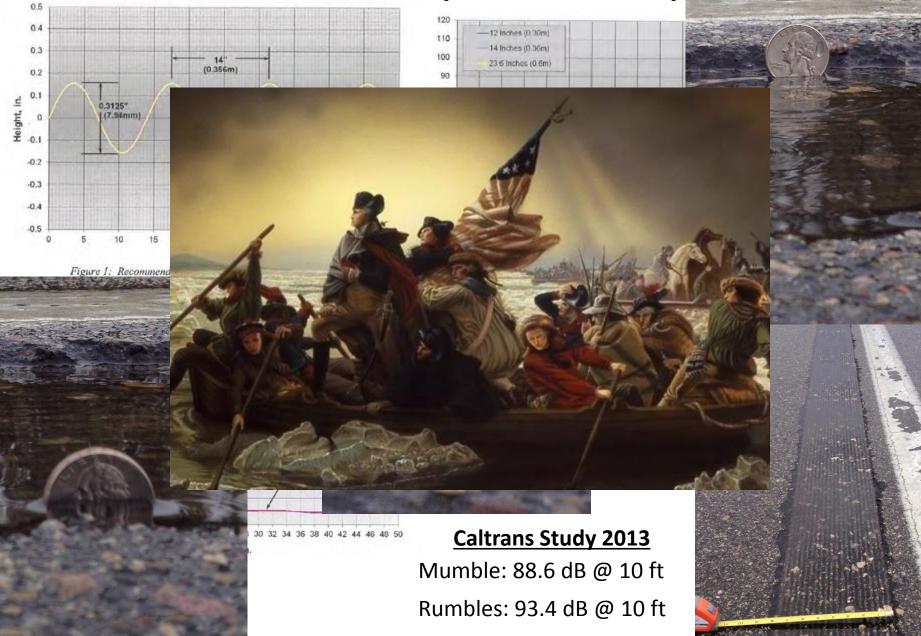








Mumble Strips and Strip

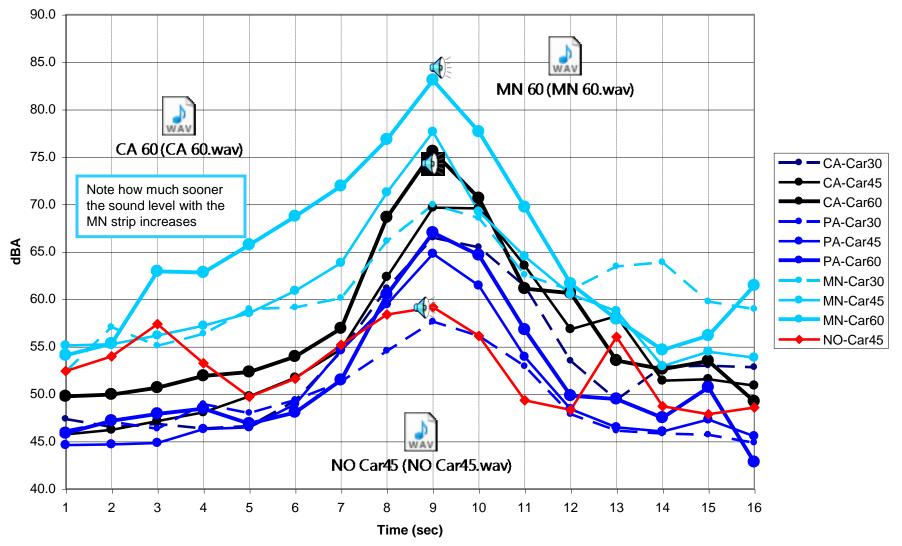




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Car LAeq Time Histories (50 ft)

Passby sound levels at Meter 1



Reduced Conflict Intersections (RCI)

Restricted Crossing U-Turn Intersection (RCUT)



- Geometric improvement at an 4 lane intersection
- Decrease the likelihood of right-angle crash
- Where is it installed?
- What does it look like?



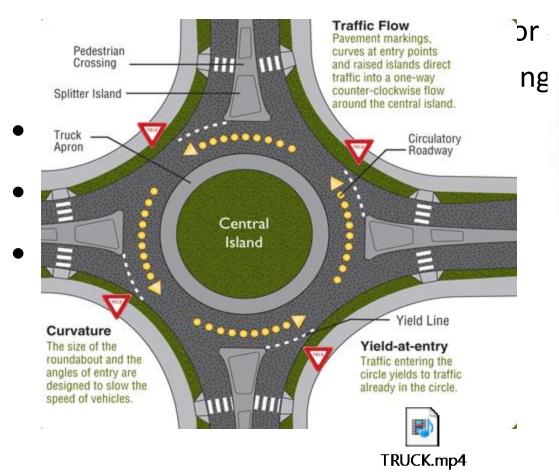
Reduced Conflict Intersections (RCI) Roundabout

- What is it?
 - Geometric improvement at an 2 or 4 lane intersection
 - Decrease the likelihood of right-angle crash
- Where is it installed?
- What does it look like?
- How does it work?



Reduced Conflict Intersections (RCI) Roundabout

OVERVIEW.mp4





Zipper Merge

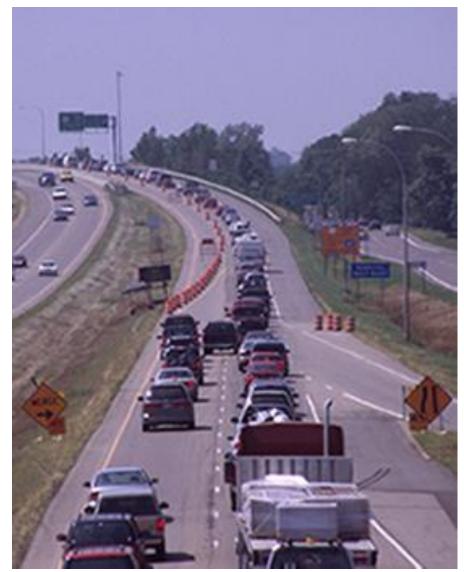


Zipper Merge



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High Tension Cable





- Three or four steel cables strung on posts
- Redirects vehicles along the median, preventing a crossmedian crash
- Where is it installed?
- What does it look like?
- How does it work?



Questions?

